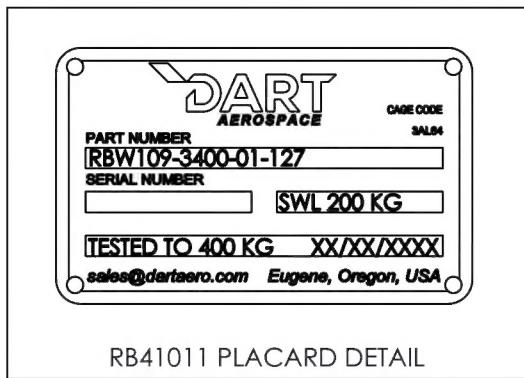
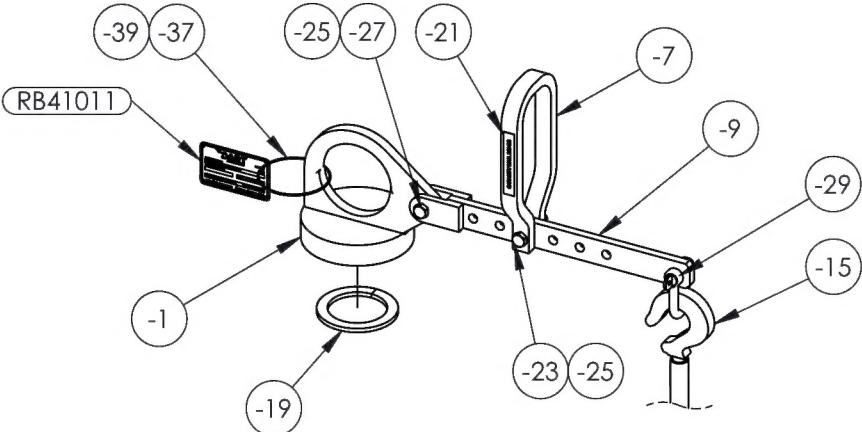


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	UPDATED TO NEW STANDARDS. CH'D USED ON MODEL WAS A109 IS A119. -1 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-3" IS INK STAMP P/N. -3 DELETED DIM .900, ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46. -7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75. -9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N. -16 ADDED PART. -17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02. -21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE. -29 CH'D B/O REF WAS #35805T72 IS #3824T75. -41 ADDED PART.	2/4/2016	DPD	JAG



RB41011 PLACARD DETAIL



ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		X		-1	1	EYE WELDMENT			2
		1		-3		BASE	4140/4142		3
		1		-5		LIFT RING	1018/1020 CR		4
				-7	1	CLEVIS	1018/1020 CR		5
X				-9	1	ROD WELDMENT			6
1				-11		BAR	1018/1020 CR		7
2				-13		TAB	1018/1020 CR		8
X				-15	1	TIE ROD WELDMENT			9
1				-16		TIE ROD TUBE	1018/1020 CR		10
				-17	1	PLATE, STRUCTURAL	1018/1020 CR		11
				-19	1	RING	NYLON		12
	B/O	-21	1	LABEL		VINYL	CUT VINYL (SIGNS NOW)		13
	B/O	-23	1	BOLT, MACHINE		STEEL	3/8-24 X 1.8 AN6-16A		1
	B/O	-25	2	NUT, SELF-LOCKING, HEXAGON		S.S.	3/8-24 MS21043-6		1
	B/O	-27	1	BOLT, MACHINE		STEEL	3/8-24 X 1.58 AN6-14A		1
	B/O	-29	1	FORK		S.S.	5/16 (MCMASTER-CARR #3824T75)		1
	B/O	-31	4	BOLT, MACHINE		STEEL	1/4-28 X 1/2 AN4-5A		1
	B/O	-33	4	NUT, SELF-LOCKING, HEXAGON		S.S.	1/4-28 MS21043-4		1
	B/O	-37	1	LANYARD WIRE		STEEL	Ø1/16 X 3 (CARR LANE #CL2C)		1
	B/O	-39	1	FERRULE		ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)		1
2		B/O	-41	SHANK HOOK WITH LATCH		STEEL	(MCMASTER-CARR #3535T31 AND # 35315T41)		1
		B/O	-41	DART PLACARD		ALUMINUM	RB41011		1
ASSY -15	ASSY -9	ASSY -1							

NOTES:
1. TEST TO 400 KG USING RBW109-3400-01-127-F.
2. REF. AGUSTA T/N: 109-3400-01-127.



TITLE MAIN TRANSMISSION LIFTING

DWG NO. RBW109-3400-01-127

REV 2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
HEAT TREAT .XXX ± .005 FRACTIONS ± 1/8
FINISH .XX ± .01 ANGLES ± 5°
SPEC .X ± .1 SURFACES = 125 ✓

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY

AFTER PLATING

3. INTERPRET DIM AND TOL PER

ASME Y14.5M-2009

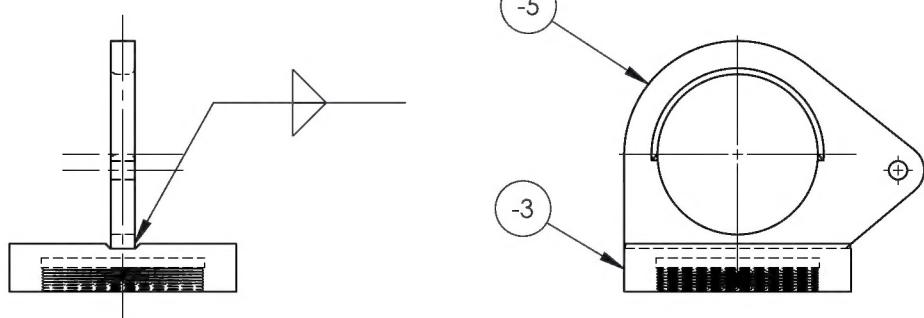
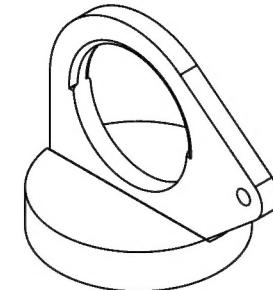
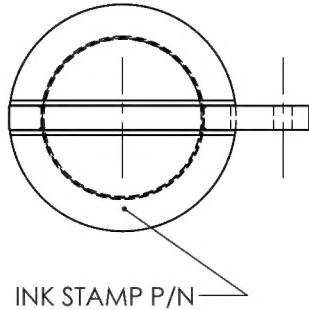
USED ON MODEL

A119

SCALE 1:8 DATE 3/30/2011 SHEET 1 OF 13

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REVIEWS			
REV	ECR	DESCRIPTION	DATE
2	16-0018	-1 CH'D NOTE WAS ENGRAVE P/N 'RBW109-3400-01-3" IS INK STAMP P/N.	2/4/2016 DPD JAG



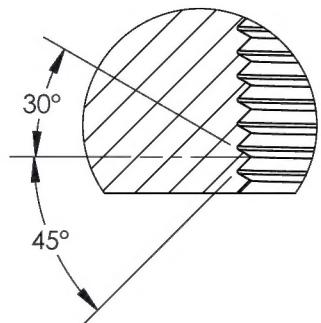
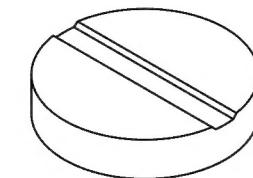
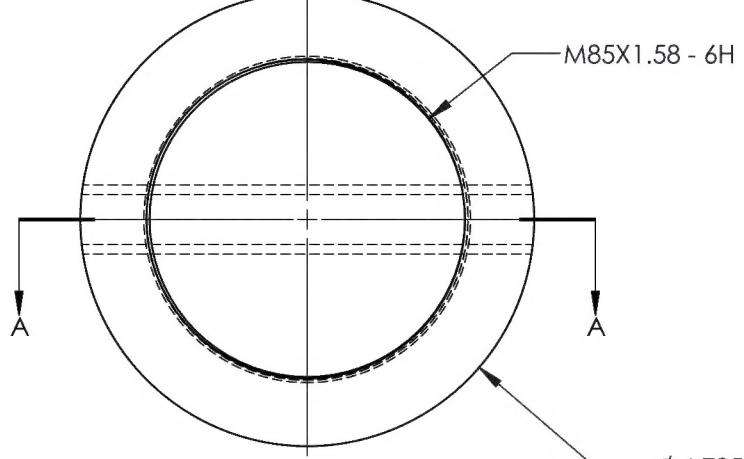
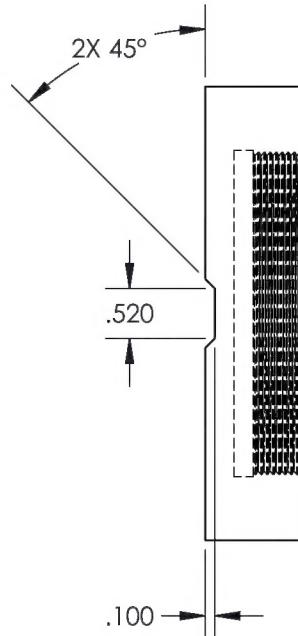
(-1)

EYE WELDMENT

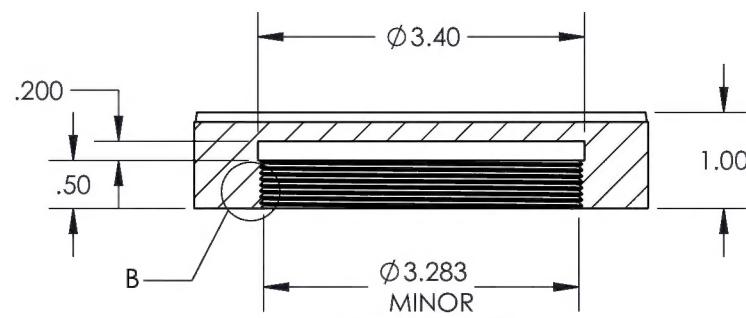
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-1	
REV 2	
MATERIAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	
.XXX ± .005 FRACTIONS ± 1/8	
FINISH POWDER COAT YELLOW	
.XX ± .01 ANGLES ± 5°	
SPEC FED #13538	
.X ± .1 SURFACES = 125 ✓	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:4
DATE	3/30/2011
SHEET 2 OF 13	

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REV			ECR			DESCRIPTION			DATE			INITIAL		APPROVED	
2	16-0018		-3 DELETED DIM .900. ADDED DIM 1.00. CH'D HEAT TREAT WAS RC 44 IS RC 42-46.						2/4/2016			DPD		JAG	



DETAIL B
SCALE 2 : 1



SECTION A-A

(3)

BASE

DART AEROSPACE	
TITLE	MAIN TRANSMISSION LIFTING
DWG NO.	RBW109-3400-01-127-3
REV	2
MAT'L	4140/4142
HEAT	RC 42-46
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
	USED ON MODEL
	A119
SCALE	1:2
DATE	3/30/2011
SHEET 3 OF 13	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
.X ± .1 SURFACES = 125

✓ 1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

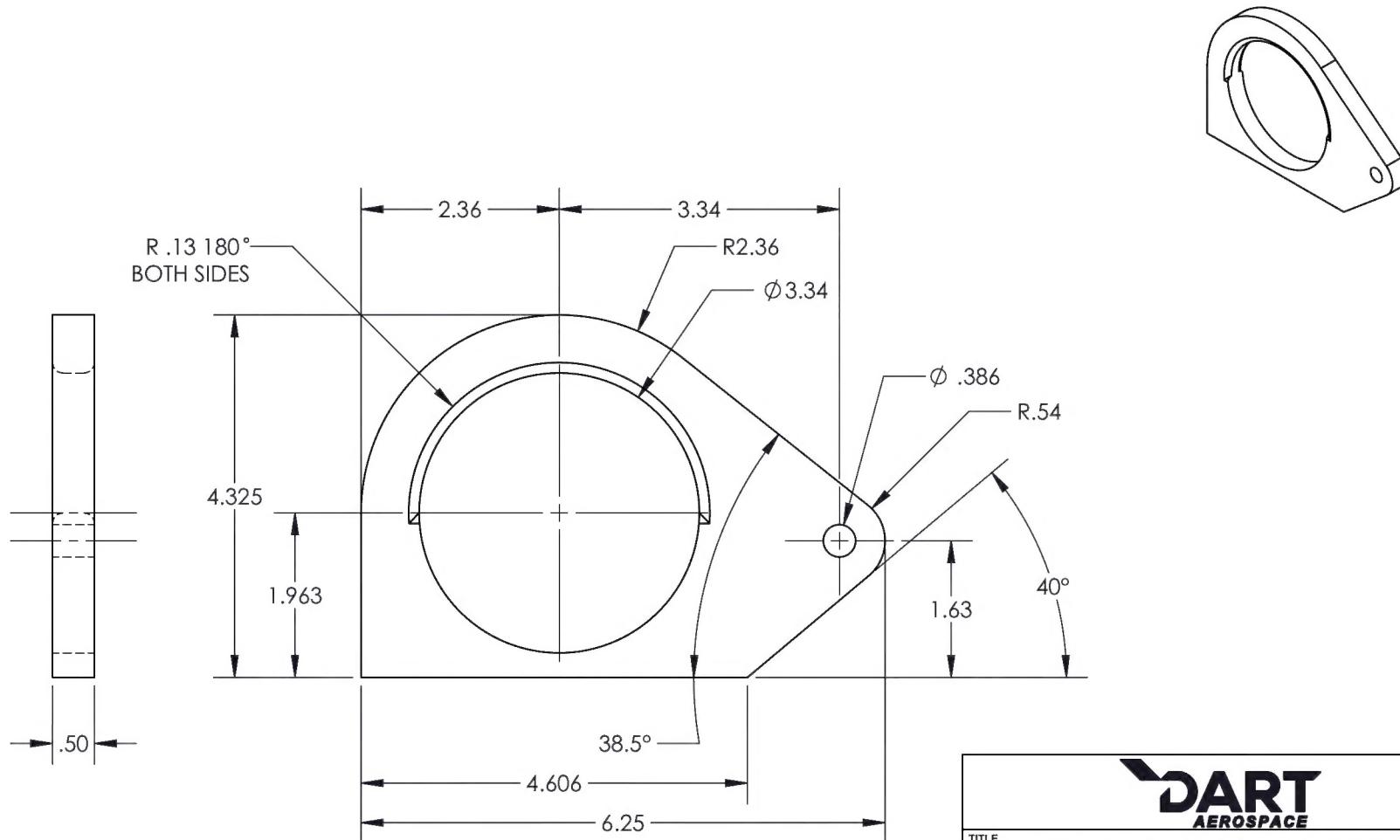
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING

3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

USED ON MODEL

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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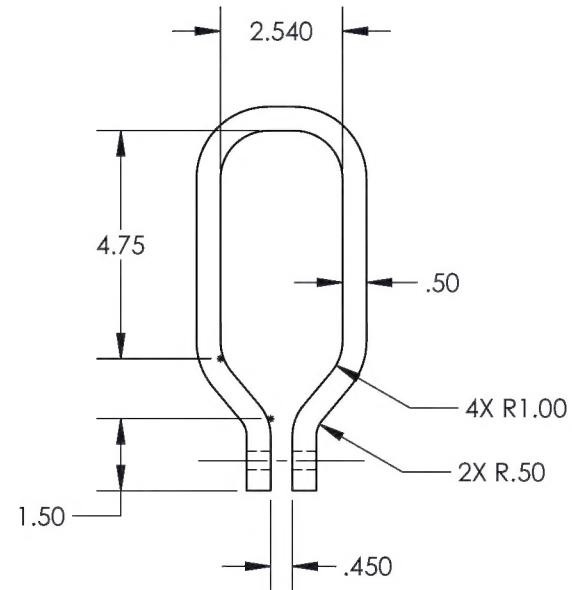
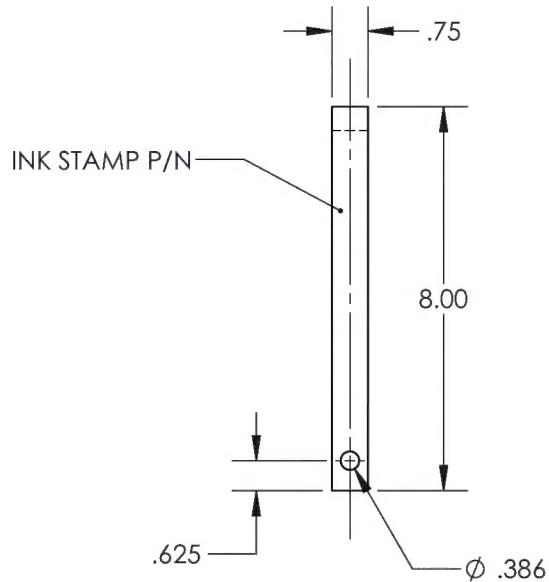
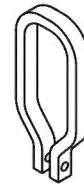
(5)

LIFT RING

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-5	
REV 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
	A119
SCALE	1:2
DATE	3/30/2011
SHEET 4 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-7 CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-7" IS INK STAMP P/N. CH'D DIM WAS 4.77 IS 4.75.	2/4/2016	DPD	JAG



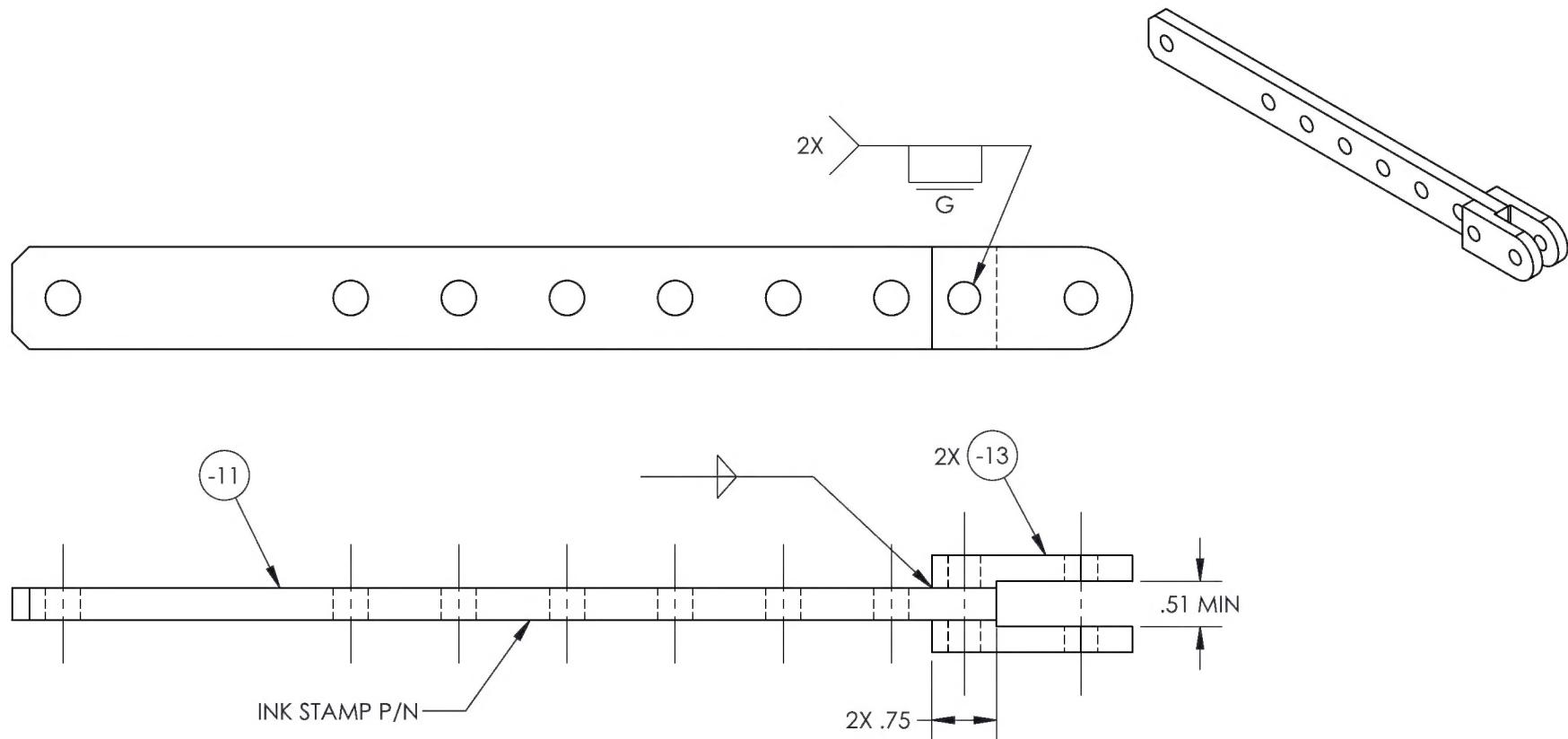
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-7	
REV 2	
MAT'L 1018/1020 CR UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT FRACTIONS \pm 1/8 FINISH .XXX \pm .005 POWDER COAT YELLOW .XX \pm .01 ANGLES \pm 5° SURFACES = 125 ✓ SPEC FED #13538 .X . \pm .1	
DRAWN BY: GILBERT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL A119	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE	1:4
DATE	3/31/2011
SHEET 5 OF 13	

(-7)

CLEVIS

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-9 DELETED FIXTURE NOTE. CH'D NOTE WAS ENGRAVE P/N "RBW109-3400-01-123" IS INK STAMP P/N.	2/4/2016	DPD	JAG



(-9)

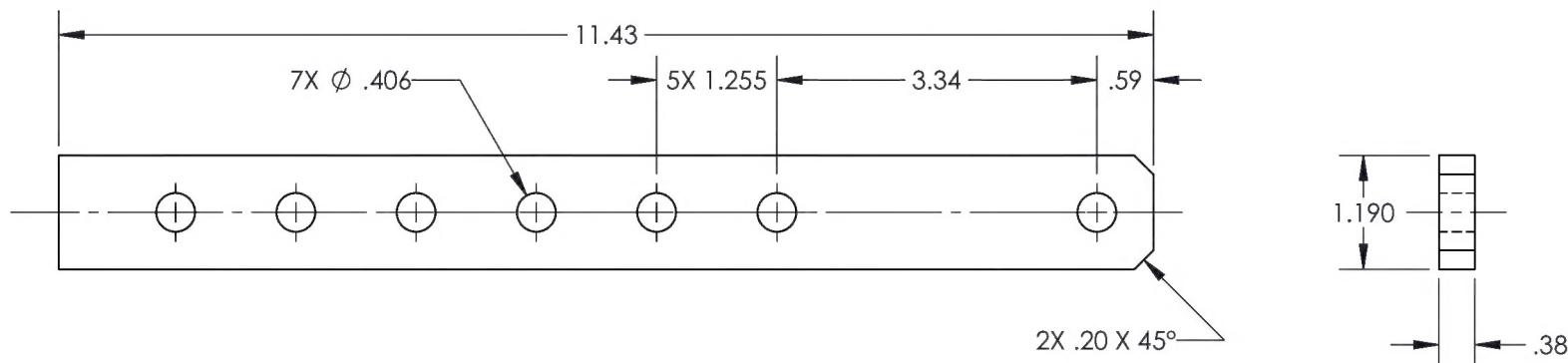
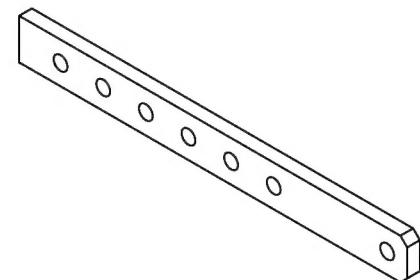
ROD WELDMENT

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-9	
REV 2	
MAT'L	
HEAT	
TREAT	
FINISH POWDER COAT YELLOW	
SPEC FED #13538	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:2
DATE	3/30/2011
SHEET 6 OF 13	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8
.XX ± .03 ANGLES ± 1°
X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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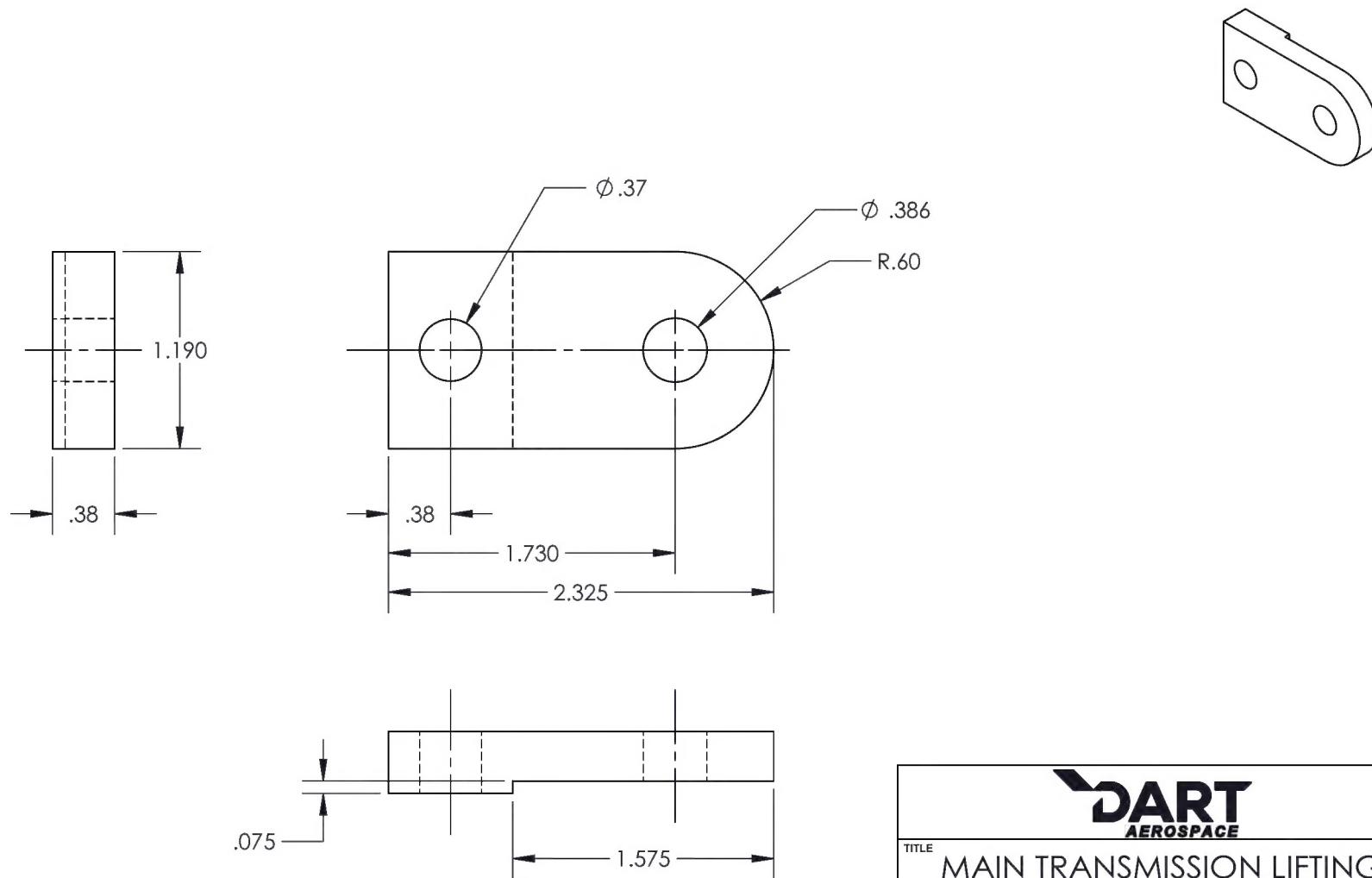
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-11	
REV 2	
MAT'L 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.000 ± .005 FRACTIONS ± 1/8	
.000 ± .01 ANGLES ± 5°	
.015 x 45° OR .015R SURFACES = 125	
1. BREAK ALL SHARP EDGES	
2. DIMENSIONAL LIMITS APPLY	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
A119	
SCALE	1:2
DATE	3/30/2011
SHEET 7 OF 13	

(-11)

BAR

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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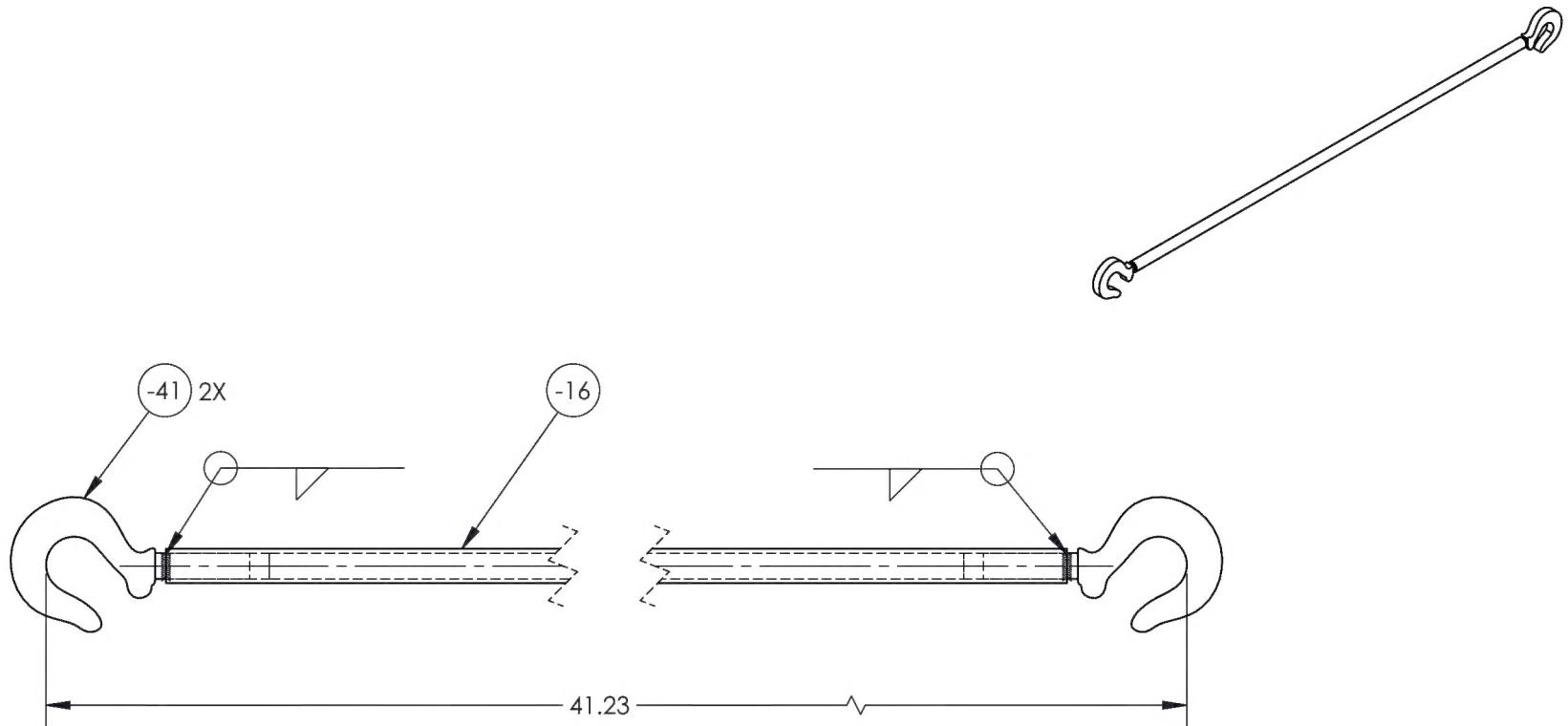
(-13)

TAB

TITLE		DART	
		AEROSPACE	
MAIN TRANSMISSION LIFTING			
DWG NO.		RBW109-3400-01-127-13	
REV		2	
MATERIAL		1018/1020 CR	
HEAT		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -9		.XXX ± .005 FRACTIONS ± 1/8	
SPEC		.XX ± .01 ANGLES ± 5°	
DRAWN BY: GILBERT		.X ± .1 SURFACES = 125 ✓	
CHECKED: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
OPPS APPR: ANDERSON		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
QA APPR: LINDSAY		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
APPROVED: GILBERT		USED ON MODEL A119	
SCALE 1:1		DATE 3/30/2011	
		SHEET 8 OF 13	

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			REVISIONS		
REV	ECR		DESCRIPTION	DATE	INITIAL
2	16-018	-15	REDESIGNED TO 3 PIECE WELDMENT.	2/4/2016	DPD JAG



NOTE:
BOTH -41 HOOKS MUST BE FACING THE SAME DIRECTION.

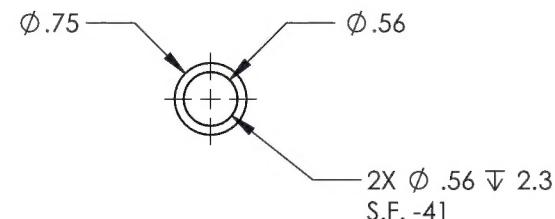
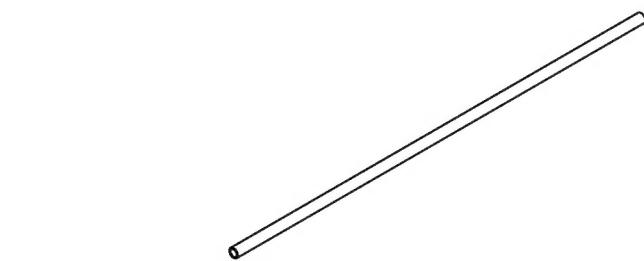
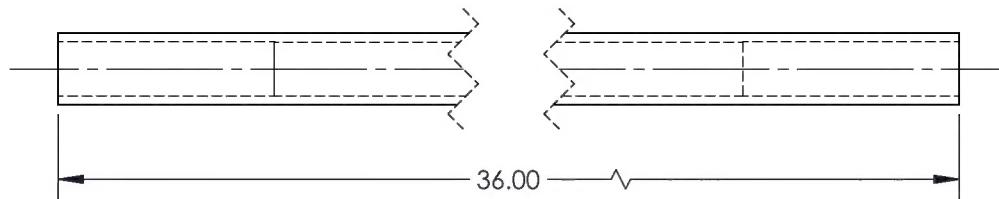
DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15	
REV 2	
MAT'L UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT .XXX ± .010 FRACTIONS ± 1/8 FINISH .XX ± .03 ANGLES ± 1° POWDER COAT YELLOW .X ± .1 SURFACES = 125 ✓ SPEC FED #13538 DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL	
A119	
SCALE 1:4	DATE 10/8/2015
SHEET 9 OF 13	

(-15)

TIE ROD WELDMENT

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
2			16-0018			-16 ADDED PART.			2/4/2016			DPD			JAG		



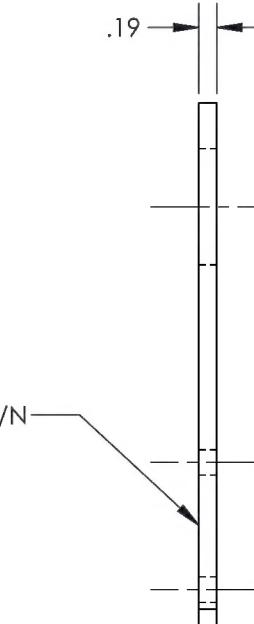
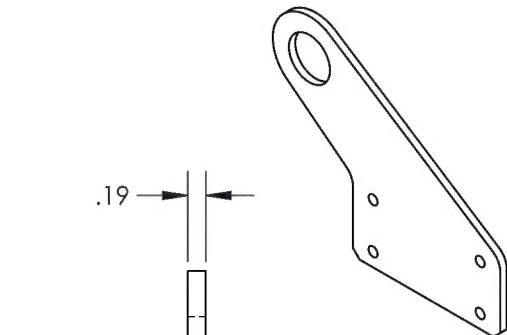
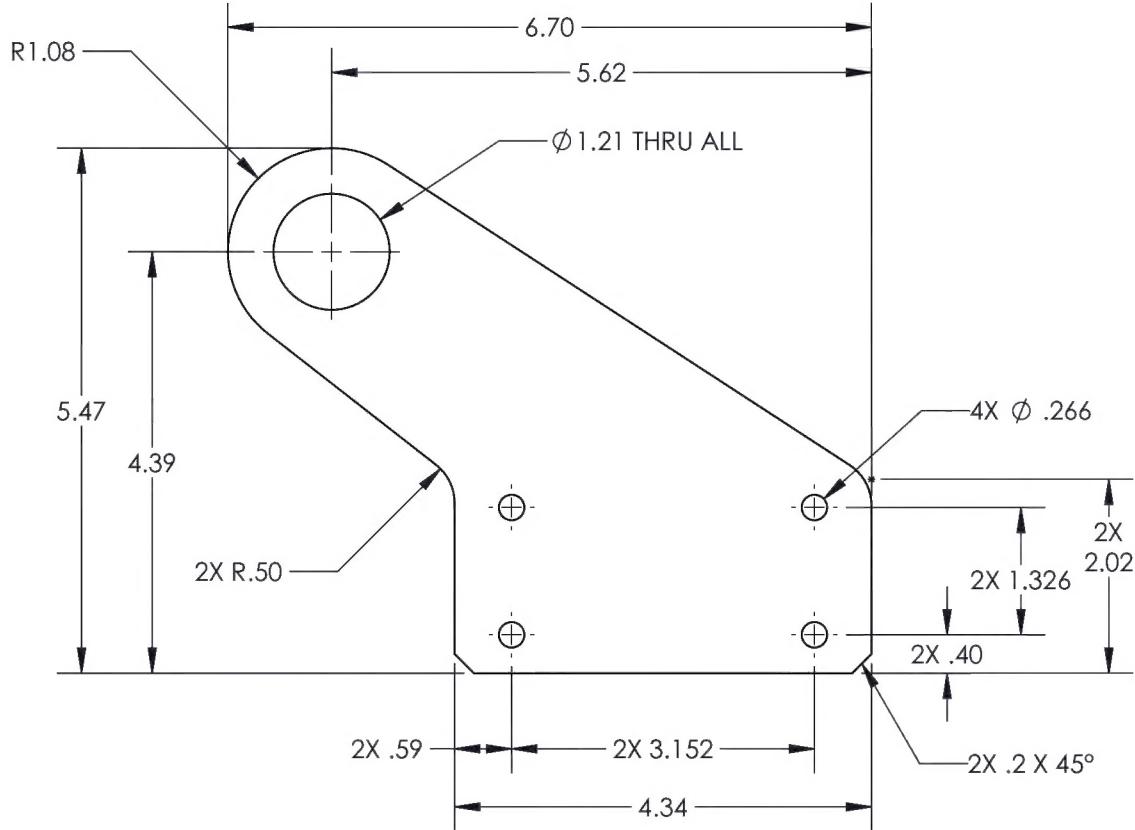
TIE ROD TUBE

-16

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-15-16	
REV 2	
MATERIAL 1018/1020 CR	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT .XXX ± .010 FRACTIONS ± 1/8	
TREAT .XX ± .03 ANGLES ± 1°	
FINISH SEE -15 .X ± .1 SURFACES = 125 ✓	
SPEC	
DRAWN BY:	MACKOVJAK
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL A119	
SCALE	1:2
DATE	10/8/2015
SHEET 10 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-17 CH'D NOTE WAS ENGRAVE P/N "109-3400-01-129" IS INK STAMP P/N. CH'D DIM WAS 2.02 IS 2X 2.02.	2/4/2016	DPD	JAG

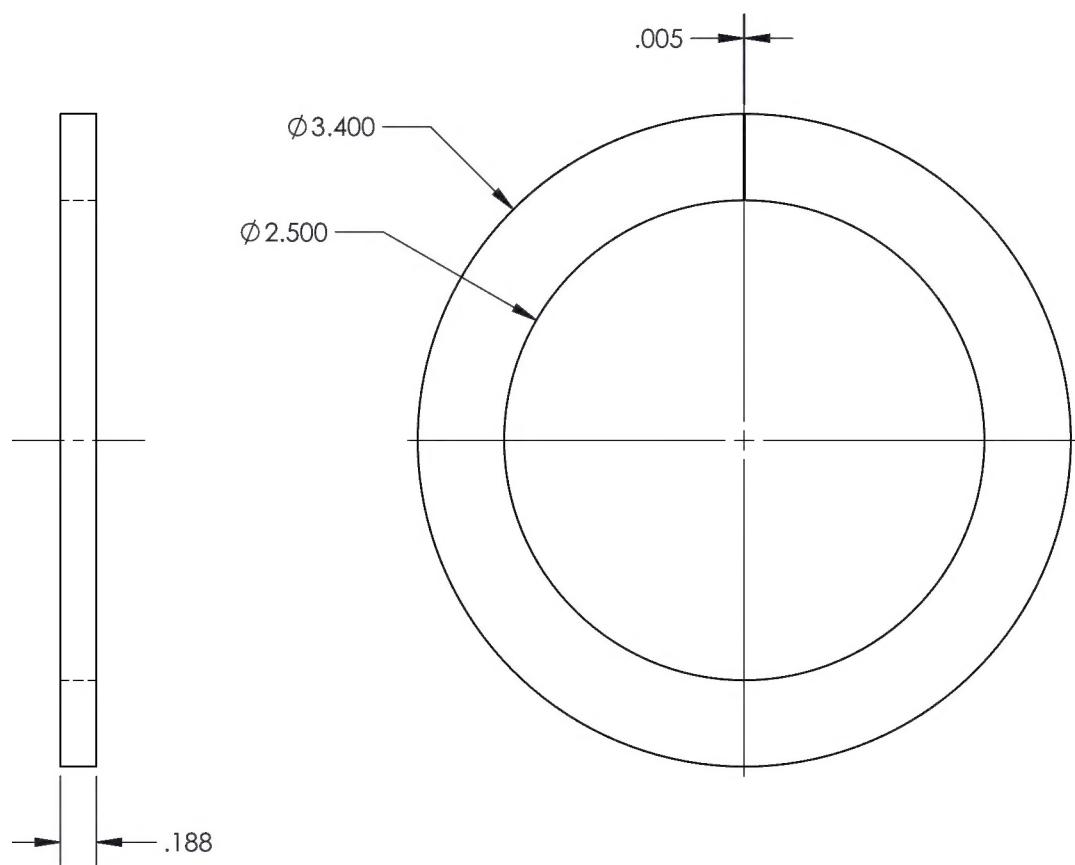


PLATE, STRUCTURAL

 AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO.	RBW109-3400-01-127-17
REV 2	
MATERIAL 1018/1020 CR	
HEAT TREAT	
FINISH POWDER COAT YELLOW	
SPEC FED #13538	
DRAWN BY: GILBERT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:2
DATE	4/7/2011
USED ON MODEL	
A119	
SHEET 11 OF 13	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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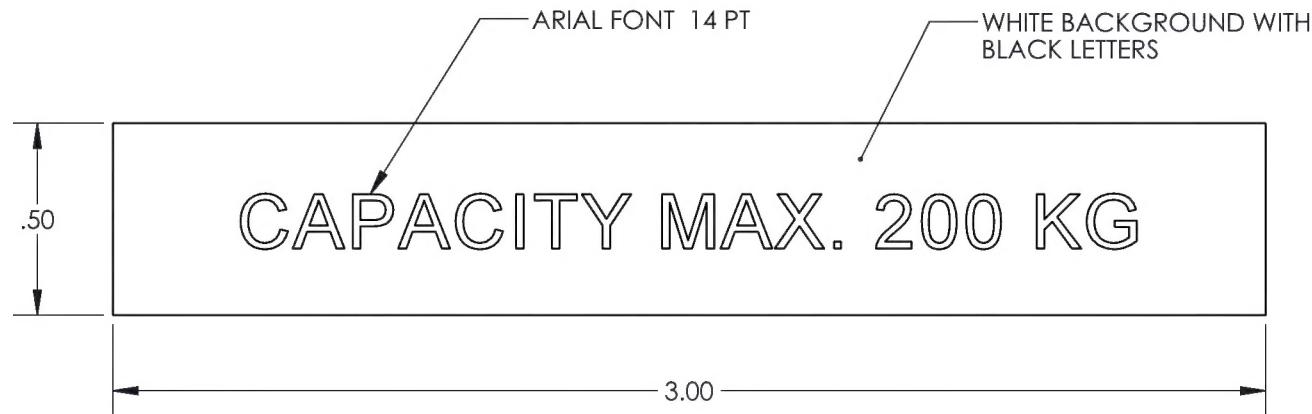
-19

RING

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO. RBW109-3400-01-127-19	
REV 2	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125 ✓	
SPEC	
DRAWN BY: GILBERT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	A119
SCALE 1:1	DATE 9/1/2011
SHEET 12 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0018	-21 ADDED WHITE BACKGROUND WITH BLACK LETTERS NOTE.	2/4/2016	DPD	JAG



(-21)

LABEL

DART AEROSPACE	
TITLE	
MAIN TRANSMISSION LIFTING	
DWG NO.	RBW109-3400-01-127-21
REV	2
MAT'L VINYL	
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	A119
SCALE	2:1
DATE	9/1/2011
SHEET 13 OF 13	